



IN REPLY REFER TO:

MT-450

United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



December 31, 2013

FAXOGRAM: Water Order Change

To: Chief, Power Supply and Billing Division, WAPA, Watertown, South Dakota
Attention: F-6001
Chief, Power Dispatching Branch, WAPA, Loveland, Colorado
Attention: J-4120
Facilities Manager, Hardin, Montana
Attention: MT-300: Tom Tauscher
Project Manager, Mills, Wyoming
Attention: WY-4000, WY-4100, WY-6400
Assistant Superintendent, National Park Service, Lovell, Wyoming
Attention: Valerie Newman

From: Reservoir and River Operations, Billings, Montana /S/ Stephanie Micek

Subject: **Yellowtail Water Release Order - BHR No. 14-19**

CURRENT RESERVOIR CONDITIONS

Elevation: 3635.78; Storage: 970,288 acre-feet; River Release: 2,480 cfs; Inflow: 1,575 cfs;

GENERAL COMMENTS:

Recent streamflow data indicates actual river flows are higher than anticipated. The following operations are required at Yellowtail Dam, Powerplant, and Afterbay Dam to adjust for the variation of flow.

SPECIAL NOTE: To provide the proper mixing of water releases to the Bighorn River in attempt to minimize PSAT levels, it is desirable to maintain the Yellowtail Afterbay Reservoir at or above elevation 3183.0 feet.

YELLOWTAIL TURBINE RELEASE:

At 1400 hour on Tuesday, December 31, 2013:

Maintain average daily turbine release at 2,410 cfs (\approx 1,763 MW-Hours/day using 32.8 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 1400 hour on Tuesday, December 31, 2013:

Maintain diversions to the Bighorn Canal at 0 cfs.

Maintain river release at 2,480 cfs (decrease the gage height to = 60.49 and apply a new shift of -0.51).

Maintain total release from the Afterbay at 2,480 cfs.